

## CLAIM AMENDMENTS

1           1. (currently amended) A system for preventing  
2 accidents in the operation of a monitored machine or apparatus  
3 carried by a user, the system comprising:

4           at least one user end device or terminal in direct  
5 contact with the body of the user with output means for  
6 continuously or periodically transmitting an authorizing user data  
7 signal [[s]] through the body of the user, and

8           at least one signal receiver assigned to the monitored  
9 apparatus or machine and having

10           interface means in contact with the body of the user

11           for receiving the authorizing data signal [[s]]

12           transmitted through the body of the user,

13           means for continuously or periodically testing the  
14           received data signal [[s]],

15           means for outputting a clearance signal that allows  
16           operation of the monitored machine or apparatus  
17           after a successful test of the received  
18           authorizing user data signal, and

19           means for terminating output of the clearance signal  
20           following a successful test of the authorizing  
21           user [[ation]] data signal [[,]] when a  
22           subsequent test [[s]] of the authorization data  
23           signal fails.

1                   2. (currently amended) The system according to claim 1  
2 wherein the output means ~~of the user end device or terminal~~  
3 ~~comprises coupling means for the~~ functions inductively or  
4 capacitively ~~coupling of the authorizing user data signal~~ through  
5 the body of the user.

1                   3. (currently amended) The system according to claim 1  
2 in which the output means of the user end device or terminal has a  
3 contact region for direct coupling of the authorizing user data  
4 signal to the body of the user or a signal output for transmitting  
5 the authorizing data signal ~~[[s]]~~ to a device directly connected  
6 with the body of the user.

7                   4. (previously presented) The system according to claim  
8 1 in which the user end device or terminal is equipped and  
9 programmed to transmit signals comprising a code giving  
10 authorization to the user and control commands for controlling the  
11 signal receiver.

1                   5. (previously presented) The system according to claim  
2 1 in which the interface means of the signal receiver comprises  
3 contact-sensitive means for receiving the signals from the user end  
4 device or terminal upon contact of the contact-sensitive means with  
5 the user.

1                   6. (currently amended) The system according to claim 1  
2 in which the interface means of the signal receiver has inductive  
3 or capacitive means for receiving the signals of the user end  
4 device or terminal by means of inductive or capacitive signal  
5 transmission.

1                   7. (previously presented) The system according to claim  
2 1 in which the means of the signal receiver for testing the  
3 authorizing data signal comprise a correspondence register with at  
4 least two storage or memory locations or data for testing the  
5 authorizing data signal.

1                   8. (currently amended) The system according to claim 1  
2 wherein the signal receiver is equipped and programmed depending  
3 upon the signal received from the user end device or terminal to  
4 access data for testing the ~~data-to-serve-as~~ authorization data  
5 signal.

1                   9. (previously presented) The system according to claim  
2 1 wherein the user end device is arranged in or on protective  
3 clothing.

10 - 14. (canceled)

1           15. (currently amended) Protective clothing, ~~like for~~  
2 ~~example a protective helmet, protective glasses or goggles, safety~~  
3 ~~shoes and the like with the user end device or terminal according~~  
4 ~~to claim 10~~ with the system of claim 1.

1           16. (currently amended) A ~~device or apparatus like a~~  
2 household appliance, electric and mechanical tool, or machine tool  
3 ~~or the like with the signal receiver according to claim 13~~ system  
4 of claim 1.

1           17. (currently amended) The system defined in claim 1,  
2 further comprising:

3           a hand grip having

4           a body including a hand grip outer surface

5           engageable by an inner surface of a hand of the  
6 user and having a segment forming a hand rest  
7 for the hand inner surface, and

8           in the region of the hand inner surface ~~[[rest]]~~ at

9           least one pressure-sensitive zone for

10          generating a signal indicating the hand grip  
11          gripping state and constituting the authorizing  
12          ~~at least one of the authorizing data signal~~

13          ~~[[s]].~~

1                   18. (previously presented) The hand grip of claim 17  
2 wherein the surface has a plurality of the pressure-sensitive  
3 zones.

1                   19. (currently amended) The hand grip according to  
2 claim 17 wherein the pressure-sensitive zone forms part of a fluid  
3 pressure chamber system.

1                   20. (previously presented) The hand grip according to  
2 claim 19 wherein the pressure-sensitive zone is formed by an  
3 elastically deformable pressure chamber wall.

1                   21. (previously presented) The hand grip according to  
2 claim 19 wherein the pressure chamber is filled with a liquid, gel  
3 or gas.

1                   22. (currently amended) The hand grip according to  
2 claim 19 wherein the pressure chamber is coupled with a switch  
3 device.

1                   23. (previously presented) The hand grip according to  
2 claim 19 wherein the pressure chamber is coupled with a pressure-  
3 measurement device.

1                   24. (currently amended) The hand grip according to  
2 claim 17 wherein the hand grip in the region of the hand inner  
3 surface rest has pressure-sensitive zones in the hand [[ball]] rest  
4 region and in a finger inner surface rest region.

1                   25. (previously presented) The hand grip according to  
2 claim 17 wherein in the region of the hand grip a plurality of  
3 individual finger inner surface pressure-sensitive zones are  
4 provided.

1                   26. (previously presented) The hand grip according to  
2 claim 17, further comprising in the region of the hand grip an  
3 orientation-detecting device.

1                   27. (previously presented) The hand grip according to  
2 claim 17 wherein the hand grip is a hand grip of a drill.

28. (canceled)

1                   29. (currently amended) The hand grip according to  
2 claim [[28]] 1, wherein the output means is so configured that it  
3 effects a signal coupling on the basis of electrostatic  
4 interaction.

1                   30. (previously presented) The hand grip according to  
2 claim 17, further comprising a signal-modulating device for the  
3 modulation of the authorizing data signal.

1                   31. (currently amended) The hand grip according to  
2 claim [[17]] 30, wherein the signal is so modulated that it  
3 contains a [[dated]] data telegram.

1                   32. (currently amended) A power tool with a housing, a  
2 first hand grip according to claim 17, a second hand grip also  
3 according to claim 17 and a device for detecting the gripping state  
4 for producing a signal indicating the gripping state of the tool  
5 and for generating the clearance signal only when both of the hand  
6 grips are gripped.